

## Kingdom Community Wind Decommissioning Plan

May, 2010

### 1. Decommissioning Plan

Green Mountain Power Corporation (GMP) has prepared the following Decommissioning Plan in connection with the wind farm components of the Kingdom Community Wind Project (the "Project") located in Lowell, Vermont. For the purposes of this Decommissioning Plan, the term "GMP" shall mean GMP or the entity that owns the Project.

- a. GMP shall be responsible for all decommissioning costs.
- b. GMP shall obtain any additional permits required for the decommissioning, removal and legal disposal of Project components prior to GMP's commencement of decommissioning activities.
- c. GMP shall dispose complete decommissioning, including component removal and disposition, grading and revegetation in accordance GMP's permits and in compliance with all applicable rules and regulations then in effect governing the disposal thereof.
- d. All hazardous materials shall be removed, transported and disposed of by licensed contractors at an appropriate facility in accordance with rules and regulations governing the disposal of such materials.

### 2. Decommissioning Costs –

GMP shall provide for a Project decommissioning fund through accumulated depreciation. The value of the annual depreciation included in the cost of service is \$157,250/year. The 25-year value of this fund is estimated to be approximately \$3,931,250.

### 3. Description of Decommissioning Process –

- a. **General.** The process of removing structures shall initially consist of evaluating and categorizing all components and materials into the following categories: i) recondition and reuse, ii) salvage, iii) recycle, and iv) disposal. In order to increase efficiency and minimize transportation impacts, components and material may be stored on-site until the bulk of similar components or materials are ready for transport. The components and material will then be transported to the appropriate facilities for reconditioning, salvage, recycling, or disposal.

As described in more detail below, GMP shall remove above-ground structures and removal of below-ground structures to a depth not less than 24 inches, except that as to foundation structures bearing on rock with a surface less than 24 inches below grade, the foundation concrete shall be removed to the surface of the rock and any existing anchors or bolts into the rock will be cut flush to the rock. Above-ground structures include the turbines, turbine transformers, overhead collection or on-site transmission lines, substation(s), maintenance building, wind farm-related portions of the interconnection facilities (if any), and any meteorological towers. Below-ground structures include foundations for the turbines, collector substation, and maintenance building, fiber optic facilities, collection system conduit and cable.

Following foundation removal, GMP shall fill any remaining excavated area with clean sub-grade material of quality and composition comparable to the immediately surrounding area. GMP will compact this sub-grade material to a density similar to the immediately surrounding sub-grade material.

- b. **Turbine Removal.** GMP shall remove the turbines in their entirety down to the concrete foundation. GMP will lower the rotor, nacelle and tower sections to the ground via crane where they may be transported whole for reconditioning and reuse, or disassembled/cut into more easily transportable sections for salvage, recycling, or disposal.
- c. **Foundation removal.** Turbine, maintenance building and substation foundations will be excavated to a depth sufficient to remove all anchor bolts, rebar, conduits, cable and concrete to a depth of not less than 24 inches below grade. Any excavations will be filled as described above. All unexcavated areas compacted excessively by equipment used in the decommissioning process will be excavated, replaced in its un-compacted state and allowed to re-vegetate.
- d. **Underground collection conduit and cables.** The cables and conduits contain no materials known to be harmful to the environment. As part of the decommissioning, these items will be cut and removed at a depth of at least 24 inches. All cable and conduit and other material buried greater than 24 inches will be left in place and abandoned.
- e. **Overhead collection lines.** GMP shall remove overhead collection lines and associated poles. GMP will grade disturbed areas and allow them to re-vegetate, to match adjacent areas.
- f. **Substation and interconnection facilities.** GMP shall disassemble the substation and interconnection facilities within those areas used solely for the transmission of electrical energy generated by the Project. GMP shall remove components (including steel, conductors, switches, transformers, fencing, control houses, etc.) and such facilities will be reconditioned and reused, sold as scrap, recycled, or disposed of appropriately. To the extent possible, GMP shall remove foundations and underground conduit to a

depth of not less than 24 inches. GMP shall fill any excavations and fill, grade, and allow re-vegetation, as described above.

**4. Access roads and construction pads.**

Any components that are located within or under the access road or construction pads shall be removed. The excavation that remains after removal of these underground components shall be filled in as set forth above. Roads and pads will stay in place.

**5. Description of Site Restoration Activities.**

Following decommissioning activities, GMP will place any topsoil that was stockpiled during the construction process in areas excavated during decommissioning requiring topsoil. These areas will be graded to prevent soil erosion and promote establishment of appropriate vegetation including leveling, terracing, mulching and other steps as may be necessary

Following decommissioning activities, the affected areas will be inspected, thoroughly cleaned, and all construction-related debris removed